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INDEX TO AMERICAN BOTANICAL LITERATURE

1914–1919

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in the broadest sense.

Reviews, and papers that relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

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Apolinar Maria, Hno. Curiosidades botánicas. Bot., Soc. Cien. Nat. Inst. La Salle **2**: 85, 86. 1 Ap 1914.

Apolinar Maria, Hno. Notes pour servir a une étude comparative entre la flore de la Savane et celle de la France. Bol. Soc. Cien. Nat. Inst. La Salle **1**: 9–11. 1 F 1913; 39–43. 1 My 1913; 80–83. 16 Jl 1913; 153–156. 1 N 1913; **2**: 17–19. 1 F 1914; 48–51. 1 Mr 1914; 123–125. 1 My 1914; 249–252. O 1914; 295–297. N 1914.

Apolinar Maria, Hno. Notes pour servir a une étude comparative entre la flore de la Savane et celle de la France. Bol. Soc. Cien. Nat. Inst. La Salle **3**: 9–11. F 1915; 20–22. Mr 1915; 120–124. S 1915; **4**: 29–31. Mr 1916; 121–124. S 1916; **5**: 9–13. F 1917.

Atkinson, G. F. *Collybia campanella* Peck, and its near relatives in the eastern United States. N. Y. State Mus. Bull. **205, 206**: 61–65. 1919.

Ball, E. D. The potato leafhopper and the hopperburn. Phytopathology **9**: 291–293. Jl 1919.

Bean, W. J. *Malus rivularis.* Curt. Bot. Mag. IV. **15**: *pl. 8798.* Je 1919.

A plant found in western North America.

Berry, E. W. Fossil plants from Bolivia and their bearing upon the age of uplift of the eastern Andes. Proc. U. S. Nat. Mus. **54**: 103–164. *pl. 15–18* + *f. 1, 2.* 27 O 1917.

Nineteen new species in various genera are described.

Berry, E. W. The fossil plants from Vero, Florida. Jour. Geol. **25**: 661–666. N 1917.

Berry, E. W. Geologic history indicated by the fossiliferous deposits of the Wilcox group (Eocene) at Meridian, Mississippi. U. S. Geol. Surv. Prof. Paper **108** E: 61–66. *pl. 24–26* + *f. 17, 18.* 22 Je 1917.

Zamia mississippiensis and *Nelumbo protolutea*, spp. nov., are described.

Berry, E. W. Miocene fossil plants from northern Peru. Proc. U. S. Nat. Mus. **55**: 279–294. *pl. 14–17.* 1919.

Includes *Iriartites* gen. nov. and one new species in *Iriartites*, *Ficus*, *Anona*, *Banisteria* and *Mespilodaphne*.

Berry, E. W. Rilly, a fossil lake. Sci. Mo. **5**: 175–185. *f. 1–3.* Au 1917.

Brunson, A. M. The first generation cross between two strains of corn bred for high and low ears. Trans. Illinois Acad. Sci. **9**: 87–91. *f. 1–3.* 1916.

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Cheyney, E. G., & Wentling, J. P. The farm woodlot. i–xii + 1–343. *f. 1–62.* 1915.

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Collins, G. N. Structure of the maize ear as indicated in *Zea-Euchlaena* hybrids. Jour. Agr. Research **17**: 127–135. *pl. 16–18* + *f. 1.* 16 Je 1919.

Cooper, W. S. Reproduction by layering in the balsam fir and other conifers. Trans. Illinois Acad. Sci. **4**: 132. 1911.

(Abstract.)

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Dearness, J., & House, H. D. New or noteworthy species of fungi. N. Y. State Mus. Bull. **205, 206**: 43–59. 1919.

Includes new species in *Anthostoma* (1), *Asterella* (1), *Aylographum* (1), *Dendrophoma* (1), *Diaporthe* (1), *Dothiorella* (1), *Gloniella* (1), *Glonium* (1), *Labrella* (1), *Laestadia* (2), *Leptostromella* (1), *Phyllosticta* (1), *Septoria* (1), and *Sporodesmium* (1).

Dorsey, M. J. A note on the dropping of flowers in the potato. Jour. Heredity **10**: 226–228. *f. 19.* 15 Jl 1919.

Dorsey, M. J. Relation of weather to fruitfulness in the plum. Jour. Agr. Research **17**: 103–126. *pl. 13–15* + *f. 1.* 16 Je 1919.

Drechsler, C. Cotyledon infection of cabbage seedlings by *Pseudomonas campestris.* Phytopathology **9**: 275–282. *f. 1–6.* Jl 1919.

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Egan, W. C. The Russian May day tree: *Prunus padus* var. *commutata.* Jour. Internat. Gard. Club **3**: 277, 278. Je 1919. [Illust.]

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M. exalbescens and *M. magdalense,* spp. nov.

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Fromme, F. D. Plant diseases in Virginia in 1915 and 1916. Ann. Rep. Virginia Agr. Exp. Sta. **1915 & 1916**: 187–192. *f. 1–5.* Je 1917.

Fromme, F. D., & Thomas, H. E. Black rootrot of the apple. Jour. Agr. Research **10**: 163–174. *pl. 15–17* + *f. 1.* 23 Jl 1919.

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Gates, F. C. Relic dunes, a life history. Trans. Illinois Acad. Sci. **3**: 110–116. 1910. [Illust.]

Gleason, H. A. Taxonomic studies in *Vernonia* and related genera. Bull. Torrey Club **46**: 235–252. 31 Jl 1919.

Includes the new genus *Epmania* and 6 new species in *Vernonia.*

Gleason, H. A. The vegetational history of a river dune. Trans. Illinois Acad. Sci. **2**: 19–26. 1909.

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Halsted, B. D. Report of the department of botany. New Jersey Agr. Exp. Sta. Ann. Rep. **37**: 433–463. *pl. 1–11.* 1916.

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Hauman, L. Notes floristiques, Quelques cryptogames, gymnospermes et monocotylédones de l'Argentine. An. Mus. Nac. Hist. Nat. Buenos Aires **29**: 391–443. *pl. 1–4 + f. 1–3.* 1917.

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Four new species are described.

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Knowlton, F. H. Contributions to the geology and paleontology of San Juan County, New Mexico.—4. Flora of the Fruitland and Kirtland Formations. U. S. Geol. Surv. Prof. Paper **98S**: 327–353. *pl. 84–91.* 18 D 1916.

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Sequoia magnifolia, Cephalotaxus coloradenis, Podocarpus stantoni, Rhamnus willardi, Aristolochia coloradensis, Viburnum vulpinum and *Phyllites Cockerelli,* spp. nov., are described.

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